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Substitute for form 1449A/PTO				Com	Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT					Application Number	NA 10/826435		
					Filing Date	Herewith		
3	STATEMENT BY APPLICANT			PLICANI	First Named Inventor	G. Glenn Henry		
	(use as	many she	ets as i	necessary		Thomas A. Crispin		
						Terry Parks		
					Group Art Unit			
				Examiner Name				
Sheet	1		of	2	Attorney Docket Number	CNTR.2075		

	U.S. PATENT DOCUMENTS										
Examiner	Cite	U.S. Patent D	ocument Kind	Name of Patentee or Applicant	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant					
Initials	No.1	Number	Code ²	of Cited Document	MM-DD-YYYY	Passages or Relevant Figures Appear					
/EZ/	4	4316055		Feistel, Horst	02/16/1982						
/EZ/	AB	5016276		Matumoto et al	05/14/1991						
/EZ/	AC	5218637		Angebaud et al	06/08/1993						
/EZ/	AD	5673319		Bellare et al	09/30/1997						
/ŁZ/	ΑE	5870470		Johnson et al	02/09/1999						
/EZ/,	AF	6182216		Luyster, Frank C.	01/30/2001						
/EZ/	AG	6301362		Matyas, Jr. et al	10/09/2001						
/EZ/	AH	6324286		Lai et al	11/27/2001						
/EZ/	Al	6578150		Luyster, Frank C.	06/10/2003						
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	FOREIGN PATENT DOCUMENTS											
Examiner Initials	Cite No. ¹	Foreign Patent i	Nind Code ⁶	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear						
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	Examiner Signature	/Edward Zee/	Date Considered	05/20/2007
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is

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Substitute for form 1449A/PTO				Complete if Known			
IN	FORMATION	DIS	CLOSURE	Application Number	NA		
STATEMENT BY APPLICANT			PPLICANT	Filing Date	Herewith		
	(use as many sheets as necessary			First Named Inventor	G. Glenn Henry Thomas A. Crispin Terry Parks		
				Group Art Unit			
				Examiner Name			
Sheet	2	of	2	Attorney Docket Number	CNTR.2075		

		OTHER PRIOR ART-NON PATENT LI	TEDATIID	PE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article symposium, catalog, etc.), date, page(s), volume-issue number(s), publish	· ·		T²
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Substitute for local 444000 Complete if Known **Application Number** 10/826435 INFORMATION DISCLOSURE Filing Date 04/16/04 First Named Inventor G. GLENN HENRY STATEMENT BY APPLICANT Group Art Unit 2133 (use as many sheets as necessary PHUNG M. CHUNG **Examiner Name** Sheet of 2 **Attorney Docket Number CNTR.2075**

	U.S. PATENT DOCUMENTS											
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where							
Initials*	No.¹	Number-Kind Code ^{2(it known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear							
/EZ/		5666411	09-09-1997	McCarty, Johnnie C.								
/EZ/		4633388	12-30-1986	Chiu, Ming-Yee								
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_	FOREIGN PATENT DOCUMENTS												
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	7-8							
Initials*	No.¹	Country Code ³ - Number ⁴ - Kind Code ⁵ (* known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T							
/EZ/	AA	EP1298518A2	04-02-2003	Tokyo Shibaura Electric									
/EZ/	AB	EP1202150A2	05-02-2002	Tokyo Shibaura Electric									
/EZ/	AC	DE3432721A1 (English-language version of the search report or action which indicates the degree of relevance found by the foreign office is attached.)	03-06-1986	Hahn, Ruediger									
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Examiner	/Edward Zee/	Date	05/20/2007
Signature	/Luwaru Zee/	Considered	03/20/2007

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INFORM	IATION DISC	CLOSUR	E	Filing Date	04/16/04	
STATE	MENT BY AF	PLICAN	T	First Named Inventor	G. GLENN HENRY	
			,	Group Art Unit	2133	
(use a	s many sheets as i	necessary		Examiner Name	PHUNG M. CHUNG	
Sheet	2	of	2	Attorney Docket Number	CNTR.2075	

	NON PATENT LITERATURE DOCUMENTS								
Examiner Initials*	itials* No. (book, magazine, journal, senal symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.								
/EZ/	ВА	*IBM PCI Cryptographic Coprocessor CCA Basic Services Reference and Guide for IBM 4758 Models 002 and 023 with Release 2.40,* IBM, September 2001, XP002291430							
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Substitute for form 1449A/PTO				Complete if Known		
Substitute for form 1449AP	10			Application Number	10/826435	
INFORMA	ATION DIS	CLOSL	JRE	Filing Date	04/16/04	
STATEMENT BY APPLICANT				First Named Inventor	G. Glenn Henry	
4				Group Art Unit	2133	
. (Use as	many sheets as	s necessary		Examiner Name	Phung M. Chung	
Sheet	1	of	2	Attorney Docket Number	CNTR.2075	

•			U.S. PATENT	DOCUMENTS	
Examiner Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	No.	Number-Kind Code 2(# known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/EZ/		2001037450	11-01-2001	Metlitski et al.	·
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FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,			
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Substitute for form 1445AP	10			Application Number	10/826435	
INFORM	ATION DIS	CLOSUR	RE	Filing Date	04/16/04	
STATEM	ENT BY A	PPLICAN	IT	First Named Inventor	G. Glenn Henry	
				Group Art Unit	2133	
(use as	many sheets as	necessary		Examiner Name	Phung M. Chung	
Sheet	2	of	2	Attorney Docket Number	CNTR.2075	

NON PATENT LITERATURE DOCUMENTS							
Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
ВА	SCHNEIER: "Applied Cryptography." 1996. John Wiley & Sons, New York, US. XP002341498. Pages 30-31, Pages 189- 211, Pages 446-459.						
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Substitute for form 1449A/PTO				Complete if Known		
Substitute for form 1449AVF	10			Application Number	10/826435	
INFORM	ATION DISC	LOS	JRE	Filing Date	04/16/04	
STATEMENT BY APPLICANT				First Named Inventor	G. Glenn Henry	
				Group Art Unit	2133	
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Sheet	1	of	2	Attorney Docket Number	CNTR.2075	

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Initials*	No.1	Number-Kind Code ^{2(# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear			
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7EZ/	AA	WO0076119A1	12-14-2000	Daniel Z. Simon					
/EZ/	AB	EP0913767A2	05-06-1999	Moyer et al.		<u></u>			
/EZ/	AC	JP57176457 (abstract)	10-29-1982	Kato Takeshi					
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Examiner Signature	/Edward Zee/	Date Considered	05/20/2007

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Substitute for form 1449A/PTO					Application Number	10/826435	
INFORMATION DISCLOSURE					Filing Date	04/16/04	
STATEM	STATEMENT BY APPLICANT				First Named Inventor	G. Glenn Henry	
						2133	
(use as many sheets as necessary					Examiner Name	Phung M. Chung	
Sheet	2	of		2	Attorney Docket Number	CNTR.2075	

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials* Cite No.¹ Cite No.¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
/EZ/	ВА	SCHNEIER. "Applied Cryptography, Protocols, Algorithms and Source Code In C." 2nd edition 2.3 One Way Funtions Applied Cryptography. 18 October 1995. pages 29-31, 193. XP002224472.	
/EZ/	BB	RECHENBERG et al. "Informatik-Handbuch" INFORMATIK-HANDBUCH, 2002, XP0023666659. page 304 - page 324.	
/EZ/	вс	INSTITUTE FOR APPLIED INFORMATION PROCESSING AND COMMUNICATIONS, TU GRAZ: "Cryptographic Logic Unit /Crypto Unit Macrocell Webpages." CRYPTOGRAPHIC REDUCED INSTRUCTION SET PROCESSOR SMARTCARD, online 12 April 2000. XP00236660 Retrieved from the Internet: URL: http://web.archive.org/web/20000412010535 http://www.iaik.tu-graz.ac.at/Research/VLSI/CRISP/crisp.htm_retrieved on 2006-02-07! page 8	
/EZ/	BD	"Secure Microcontrollers for Smart Cards. AT90SC Summary" ANNOUNCEMENT ATMEL, 1999, pages 1-7. XP002291271	
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Substitute for form 1449A/	310			Application Number	10/826435	
INFORM	ATION DISC	CLOSI	URE	Filing Date	04/16/04	
STATEM	MENT BY AF	PLIC	ANT	First Named Inventor	G. Glenn Henry	
				Group Art Unit	2133	
(use as	many sheets as r	necessary	'	Examiner Name	Phung M. Chung	
Sheet	1	of	1	Attorney Docket Number	CNTR.2075	

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Initials* No.1 (book, magazine, journal, senal symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.					
/EZ/		ULMANN, B. "Designing a NICE Processor." Microprocessors and Microsystems, IPC Business Press LTD. London, GB. Vol. 23, No. 5. 25 October 1999. Pages 257-264. XP004321479 ISSN: 0141-9331.				
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STATEM	MENT BY AP	PLIC	ANT	First Named Inventor	G. Glenn Henry	
				Group Art Unit	2132	
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Sheet	1	of	2	Attorney Docket Number	CNTR.2075	

<u> </u>	U.S. PATENT DOCUMENTS						
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures		
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/EZ/	AA	EP1271839	01-02-2003	Okada et al.		Ш
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Substitute for form 1449A/I	OTO.			Complete if Known		
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INFORM	ATION DISC	LOS	JRE	Filing Date	04/16/04	
STATEM	ENT BY API	PLIC	ANT	First Named Inventor	G. Glenn Henry	
				Group Art Unit	2132	
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	•	NON PATENT LITERATURE DOCUMENTS	
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/EZ/	BB	GLADMAN, BRIAN. "A Specification for Rijndael, the AES Algorithm." Online. 03/13/2003. XP002376287	
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/F7/	BD	DAEMON J et al. "AES Proposal: RIJNDAEL." AES Proposal 09/03/1999. pages 1-45, XP001060386	
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Complete if Known Substitute for form 1449A/PTO Application Number 10/826435 INFORMATION DISCLOSURE 04/16/04 Filing Date First Named Inventor G. Glenn Henry STATEMENT BY APPLICANT **Group Art Unit** 2132 (use as many sheets as necessary Examiner Name Gilberto Barron Jr. Sheet Attorney Docket Number CNTR.2075

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Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code 2(# Infown)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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/EZ/	AA	WO0184769A	11-08-2001	Lindemann et al.		
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INFORM	IATION DISC	LOS	JRE	Filing Date	04/16/04
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				Group Art Unit	2132
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Sheet	2	of	2	Attorney Docket Number	CNTR.2075

		NON PATENT LITERATURE DOCUMENTS	
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/EZ/	ВА	TONG et al. "A system level implementation of Rijndael on a memory-slot based FPGA card." Field-Programmable Technology, 2002. (FPT). 16 December 2002 (2002-12-16), pages 102-109, XP010636515 ISBN: 0-7803-7574-2	
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STATEMENT BY APPLICANT				G. Glenn Henry	
			Group Art Unit	2132	
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			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No. ¹	Number-Kind Code ^{2(# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/EZ/		20030202658	10-30-2003	Ingrid Verbauwhede	
/EZ/		20030223580	12-04-2003	Dorian L. Snell	
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STATEMENT BY APPLICANT First Named Inventor G. Glenn Henry Group Art Unit 2132	Substitute for form 1445A	INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	10/826435		
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Sheet 2 of 2 Attorney Docket Number CNTR.2075	Sheet	2	of	2	Attorney Docket Number	CNTR.2075

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/EZ/		MCKINNON et al. "A Configurable Middleware Framework with Multiple Quality of Service Properties for Small Embedded Systems." NETWORK COMPUTING AND APPLICATIONS, 2003. NCA 2003. SECOND IEEE INTERNATIONAL SYMPOSIUM ON 16-18 APRIL 2003, PISCATAWAY, NJ, USA IEEE, 16 APRIL 2003. Pages 197-204, XP010640251 ISBN: 0-7695-1938-5	
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/EZ/		4168396	09-18-1979	Robert M. Best	
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Signature	/Edward Zee/		Considered	03/20/2007

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Substitute for form 1449AVI	310		•	Application Number	10826435		
INFORM	ATION DISC	LOS	URE	Filing Date	4/16/2004		
STATEMENT BY APPLICANT			ANT	First Named Inventor	G. Glenn Henry		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary Sheet 2 of 2		Group Art Unit	2132				
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Sheet	2	of	. 2	Attorney Docket Number	CNTR.2075		

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
/EZ/	AA	Dimond et al. "Application-specific Customisation of Multi-Threaded Soft Processors." Computers and Digital Techniques. IEEE Proceedings. Volume 153, Issue 3. 2 May 2006. Pages 173-180.	
/EZ/	AB	Anderson et al. *Cryptographic Processors - A Survey." Proceedings of the IEEE. Volume 94, Issue 2. Feb. 2006. Pages 357-369.	
/EZ/	AC	Eberle et al. "Architectural Extensions for Elliptic Curve Cryptography over GF(2") on 8-bit Microprocessors." Application- Specific Systems. Architecture Processors. 2005. ASAP 2005. 16th IEEE International Conference on 23-25 July 2005. Pages 343-349.	
/EZ/	AD	KUHN, Markus G. "Cipher Instruction Search Attack on the Bus-Encryption Security Microcontroller DS5002FP." Computers, IEEE Transactions on Volume 47, Issue 10. Oct. 1998. Pages 1153-1157.	
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Substitute for form 1449A/PTO			Complete if Known		
			Application Number	10828435	
INFORMATION DISCLOSURE				Filing Date	4/16/2004
STATEMENT BY APPLICANT			INT	First Named Inventor	G. Glenn Henry
				Group Art Unit	2132
(use as many sheets as necessary				Examiner Name	Gilberto Barron Jr.
Sheet	1	of	2	Attorney Docket Number	CNTR.2075

			U.S. PATENT	DOCUMENTS	
Examiner	Initials* No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
1		Number-Kind Code ^{2(# known)}	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/EZ/		5633934	05-27-1997	John T. Hember	
/EZ/		4319079	03-09-1982	Robert M. Best	· .
TEZ/		4888802	12-19-1989	Henry G. Cooney	
/EZ/		4386234	05-31-1983	Ehrsam et al.	
/F7/		20020162026	10-31-2002	Neuman et al.	
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	FOREIGN PATENT DOCUMENTS							
Examiner Cite	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines;	T-		
Initials*	No.'	Country Code ³ - Number ⁴ - Kind Code ^{5 (V Anown)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear			
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Substitute for form 1449A/F				Application Number	10826435
INFORM	ATION DIS	CLOSI	JRE	Filing Date	4/16/2004
STATEMENT BY APPLICANT			ANT	First Named Inventor	G. Glenn Henry
				Group Art Unit	2132
(use as	(use as many sheets as necessary				Gilberto Barron Jr.
Sheet	2	of	2	Attorney Docket Number	CNTR.2075

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/EZ/		FISCHER et al. "Two Methods of Rijndael Implementation in Reconfigurable Hardware." Springer-verlag Berlin Heidelberg 2001. CHES 2001. LNCS 2162. pp 77-92.	
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			U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ^{2(# known)}	WW-DD-AAAA	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
/EZ/		6983374	01-03-2006	Hashimoto et al.	
/EZ/		7073059	07-04-2006	Worely et al.	
/EZ/		6006328	12-21-1999	Christopher Nathan Drake	
/EZ/		7184549	02-27-2007	Sorimachi et al.	
/EZ/		7124302	10-17-2006	Ginter et al.	
/EZ/		7088826	08-08-2006	Houlberg et al.	
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FOREIGN PATENT DOCUMENTS							
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initials*	No.	Country Code ³ - Number ⁴ - Kind Code ^{5 (# known)}	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	L	
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				Application Number	10826435	
INFORMA	TION DIS	CLOSUF	RE	Filing Date	4/16/2004	
STATEMENT BY APPLICANT (use as many sheets as necessary				First Named Inventor	G. Glenn Henry	
				Group Art Unit	2132	
				Examiner Name	Gilberto Barron Jr.	
Sheet	7	of	3	Attorney Docket Number	CNTR.2075	

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/EZ/	AA	EP1215842	06-19-2002	Qi et al.	•		
/EZ/	AB	WO0117152	03-08-2001	Salomao et al.			
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/EZ/		6789147	09-07-2004	Kessler et al.			
EZI		6026490	02-15-2000	Johns-Vano et al.			
/EZ/		5134713	07-28-1992	Miller et al.			
/EZ/		20010050989	12-13-2001	Jabari Zakiya			
/EZ/	•	20040047466	03-11-2004	· Feldman et al.			
/EZ/		6246768	06-12-2001	Yong-Duk Kim	•		
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	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Cite Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T_6		
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